



Tribe 16 Diesel JL DEF Skid Plate Install

Included in Kit:

JL DEF Skid	1
Frame Flag	1
14MM 1.5 30 Cap Screw	2
14MM Washer	2
1/2-13-1 Cap Screw Gr 8	2
1/2-13 Lock Nut	2
1/2 Washer	2



Tools Needed:

- Small starter drill bit and a 1/2" Drill Bit and Drill
- 3/4" Wrench and Socket, 8mm, 16mm, 21mm, and 22mm Socket
- Floor Jack

The install of the Tribe 16 JL Def Skid is straight forward. Stock height vehicles may require you to use jack stands in the rear to gain enough height to place the skid under the Jeep.

Remove the factory tow hook from the drivers side of the vehicle with your 21mm , but keep it close you, will be reusing the factory hardware and will be able to retain the tow hook. Different bumper configurations will require a little different method of removal, we will cover a stock set up, most others should be similar. Remove the inner liner screws from the bottom of the rear passenger inner fender liner with your 8mm socket to access the bumper bolts. With your 21mm remove the bumper bolts from the passenger side and loosen the drivers. (Fig.1) With the bumper pulled back on the passenger side insert the supplied frame flag (Fig.2) in the end of the frame flat side down.



Fig.1



Fig.2



Fig.3

Slide the skid up onto your floor jack and position it under the jeep. You will have to start on the passenger side to get the skid over the exhaust pipe but once you have cleared that the skid should be



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able to be jacked up into place. Align the rear bolt holes with the holes in the frame and jack the skid up to the frame. Start the stock hardware through the factory tow hook on the driver side and provided 14mm bolts and washers on the passenger side. (Fig.3) Some customers have reported a fitment issue with the stock bolts for the side of the factory tow hook, a grinder will take out the material needed if this is the case on your Jeep. (Fig.4) After fitment is verified install all the bolts finger tight. (Fig.5)



Fig.4



Fig.5



Fig.6

With the skid fully pushed up against the stock skid the front feet should be resting on the stock skid drop leg. Through the hole in the new skid, drill a pilot hole then a $\frac{1}{2}$ " hole through the bottom part of the stock skid leg on both sides. (Fig.6&7) Through that hole, pass the $\frac{1}{2}$ " lock nut and secure it with the



Fig.7



Fig. 8



Fig.9

$\frac{1}{2}$ " bolt and washers provided, with your $\frac{3}{4}$ " wrench and Socket. (Fig.8) Now with your 16mm tighten up all the bumper bolts, and with your 21 and 22 mm sockets, tighten up the rear feet and tow hook, and with all of your bolts tightened up, you can wheel with out worrying about smashing your DEF tank or exhaust.